

Converting Colors

$Yxy(90.2656, 0.3221, 0.3348)$

Have a look what the booklet for
Yxy(90.2656, 0.3221, 0.3348)
contains.

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Color

Yxy(90.0696, 0.3223, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	FBF2EC
RGB	251, 242, 236
RGB Percent	98%, 95%, 93%
CMY	0.0157, 0.0510, 0.0744
CMYK	0.00, 0.04, 0.06, 0.02
HSL	24°, 65%, 95%
HSV	24°, 6%, 98%
XYZ	86.6809, 90.0696, 92.1943
YIQ	244.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

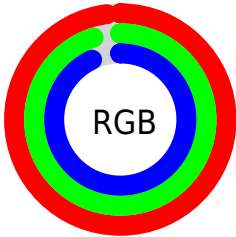
Format	Color
R _Y B	251, 246, 236
Decimal	16511724
CIE Lab	96.03, 2.01, 3.94
CIE LCh	96, 4.420, 62.980
Yxy	90.0696, 0.3223, 0.3349
Android (android.graphics.Color)	4294701804 (0xFFFBF2EC)
YUV	244.0070, -3.9475, 6.1329
Hunter-Lab	94.9050, -3.0519, 8.8370

Details

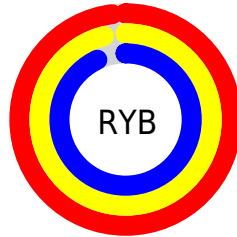
The Yxy color 90.0696, 0.3223, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1293, 0.3035, 0.3230, and the grayscale version is 90.5050, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.8824, 0.3242, 0.3366 is the 20% darker color. If you saturate the color by 10%, you get 80.0987, 0.3405, 0.3453, and if you desaturate by 10%, it is 99.2506, 0.3103, 0.3290.

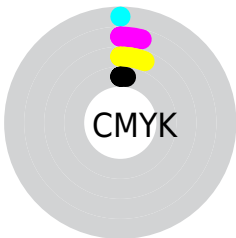
Distribution



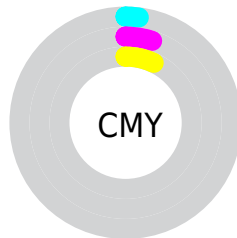
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (98%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.0696, 0.3223, 0.3349 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 90.0696, 0.3223, 0.3349 by changing the saturation by 10% instead.


 90.0696, 0.3223,
0.3349

 90.0696, 0.3223,
0.3349


528.2572, 0.3180,
0.3323

 68.0384, 0.3232,
0.3355

147.4351, 0.3208,
0.3340

 49.9290, 0.3244,
0.3362

183.5381, 0.3203,
0.3337

 35.3569, 0.3258,
0.3370


225.1005, 0.3198,
0.3334

 23.9380, 0.3276,
0.3381

272.5067, 0.3193,
0.3331

 15.2876, 0.3301,
0.3396

326.1411, 0.3190,
0.3329

 9.0215, 0.3334,
0.3415

386.3880, 0.3186,

 4.7552, 0.3384,

0.3327

0.3444

453.6320, 0.3183,
0.3325

■ 2.1044, 0.3465,
0.3491

■ 0.6671, 0.3792,
0.3704

■ 90.0696, 0.3223,
0.3349

■ 90.0696, 0.3223,
0.3349

■ 80.0987, 0.3405,
0.3453

■ 99.2506, 0.3103,
0.3290

■ 71.0440, 0.3617,
0.3562

■ 62.8819, 0.3860,
0.3672

■ 55.5832, 0.4137,
0.3778

■ 49.1173, 0.4442,
0.3871

■ 43.4511, 0.4766,
0.3938

■ 38.5491, 0.5091,
0.3967

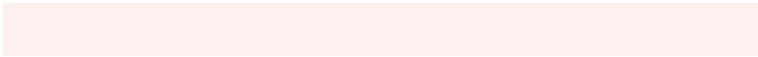
■ 34.3723, 0.5392,
0.3946

■ 30.8763, 0.5643,
0.3871

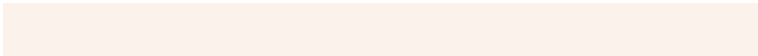
Harmonies

Analogous

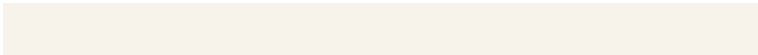
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0696, 0.3219, 0.3310



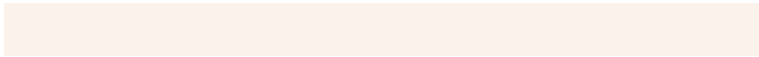
90.0696, 0.3223, 0.3349



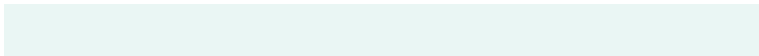
90.0696, 0.3201, 0.3373

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0696, 0.3223, 0.3349



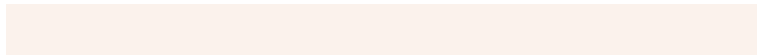
90.0696, 0.3064, 0.3314



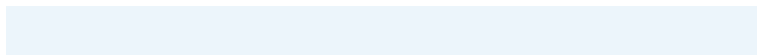
90.0696, 0.3095, 0.3208

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



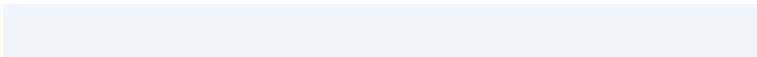
90.0696, 0.3223, 0.3349



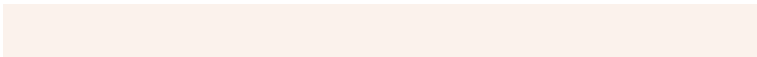
90.1293, 0.3035, 0.3230

Split Complementary

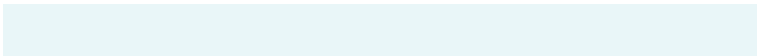
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0696, 0.3054, 0.3208



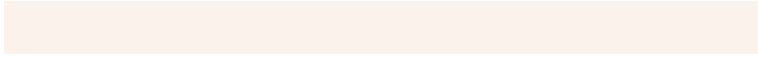
90.0696, 0.3223, 0.3349



90.0696, 0.3036, 0.3269

Square

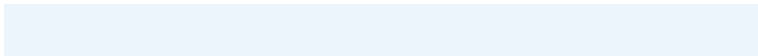
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0696, 0.3223, 0.3349



90.0696, 0.3109, 0.3353



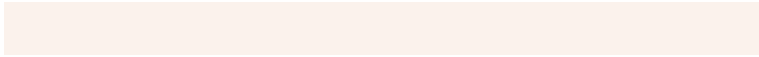
90.0696, 0.3032, 0.3231



90.0696, 0.3145, 0.3229

Rectangle

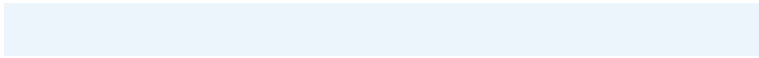
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0696, 0.3223, 0.3349



90.0696, 0.3175, 0.3376



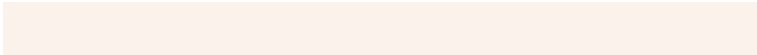
90.0696, 0.3032, 0.3231



90.0696, 0.3079, 0.3205

Sweetspot

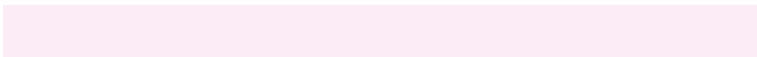
The Sweet Spot groups the original color and five complimentary colors.



90.0735, 0.3223, 0.3349



97.7349, 0.3158, 0.3310



87.1270, 0.3170, 0.3200



20.9431, 0.3157, 0.3309



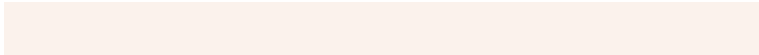
0.0000, 0.0000, 0.0000



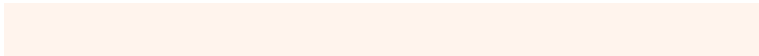
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0735, 0.3223, 0.3349



92.2456, 0.3241, 0.3360



94.4806, 0.3217, 0.3420



18.7723, 0.3251, 0.3366



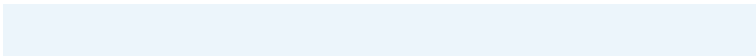
15.8455, 0.5702, 0.3854



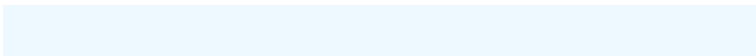
1.6685, 0.5484, 0.4028

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90.1293, 0.3035, 0.3230



92.3130, 0.3019, 0.3219



85.8223, 0.3036, 0.3157



18.7872, 0.3010, 0.3213



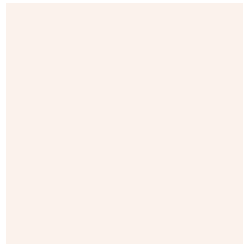
15.5739, 0.1868, 0.1926



1.6496, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 90.0696, 0.3223, 0.3349 looks on a white background.

Color Contrast Check

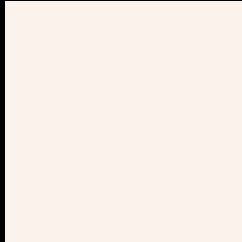
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 90.0696, 0.3223, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

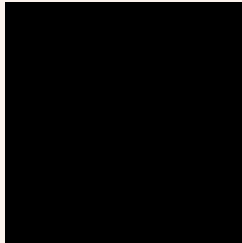
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

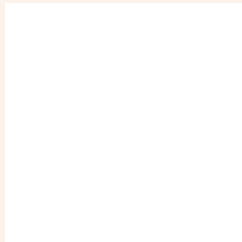
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0696, 0.3223, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 90.0696, 0.3223, 0.3349.

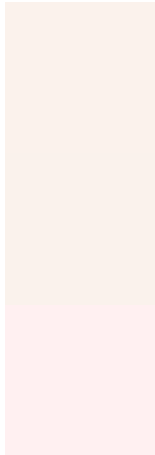


This preview shows how white text looks on a background with the Yxy color 90.0696, 0.3223, 0.3349.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90.0696, 0.3223, 0.3349

Protanopia

89.8844, 0.3216, 0.3349

Deuteranopia

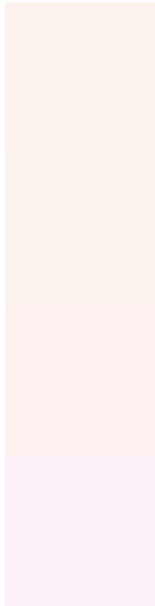
89.9311, 0.3220, 0.3281



Tritanopia

90.2356, 0.3114, 0.3145

Trichromacy



Original Color

90.0696, 0.3223, 0.3349

Protanomaly

89.8844, 0.3216, 0.3349

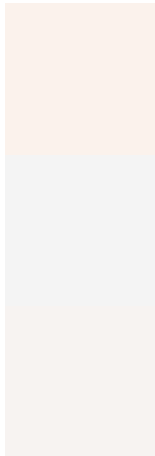
Deuteranomaly

90.2134, 0.3225, 0.3310

Tritanomaly

90.3834, 0.3156, 0.3222

Monochromacy



Original Color

90.0696, 0.3223, 0.3349

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.2262, 0.3165, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0696, 0.3223, 0.3349 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 236) }
```

Border

The CSS property to change the border of an element to Yxy 90.0696, 0.3223, 0.3349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 242, 236) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(251, 242, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0696, 0.3223, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
242, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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